

Special Issue

Sustainable Electric Vehicle Battery and Recycling Network

Message from the Guest Editors

The electric vehicle battery is the heart of the electric vehicle and plays a vital role in the development of the electric vehicle industry. Electric vehicles and sustainable electric vehicle batteries are receiving greater concern in the world due to the Paris Climate Agreement with the announcement of carbon emission targets by various countries. Meanwhile, a recycling network enables more efficient electric vehicle battery recycling and promotes sustainable electric vehicle batteries, which is considered to be the key to electric vehicle battery recycling. The aim of this Special Issue is to provide the latest advancements and contributions in Electric Vehicle Batteries and their recycling network. The potential topics covered by the Special Issue include, but are not limited to, the following: (1) Low carbon recycling and disassembly of electric vehicle batteries; (2) Cascade utilization technologies of electric vehicle batteries; (3) Optimization design for sustainable recycling network, logistics, or supply chain; (4) Carbon footprint analysis of electric vehicle batteries; (5) Technologies and methodologies of mitigating CO₂ emissions.

Guest Editors

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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